



March 25, 2014

RECEIVED

APR 02 2014

SUPERFUND DIVISION

Mr. Jason Gunter
Remedial Project Manager
USEPA Region 7 – Superfund Branch
11201 Renner Blvd.
Lenexa, KS 66219

Re: Federal Mine Tailings Site – Gabion Basket Design

Dear Mr. Gunter:

Enclosed on behalf of The Doe Run Company are two copies of the above-referenced document for the Federal Mine Tailings Site, Park Hills, Missouri.

This document was developed as the detailed design of the updates to be completed for the Gabion Baskets located beneath the railroad tracks in the Shaw Branch Creek Area. Barr Engineering Co., Doe Run and Missouri Department of Natural Resources (MDNR) Division of State Parks (DSP) worked together to come up with a design that all parties were satisfied with.

Thank you for your attention to this matter. If you have questions or require clarification, please call me at 573-638-5016 or Mark Nations at 573-518-0800.

Sincerely,

A handwritten signature in black ink that reads "Adam Nanney". The signature is fluid and cursive, with a long horizontal stroke at the end.

Adam Nanney, P.E.

AJN/jms

Encl.

c: Mark Nations, The Doe Run Company
Martin Kator, Missouri Department of Natural Resources
Robert Hinkson, Missouri Department of Natural Resources
Brandon Wiles, Missouri Department of Natural Resources
Bill Bonnell, Missouri Department of Natural Resources
Sandra McCain, Missouri Department of Natural Resources
Delcia Huitt, Missouri Department of Natural Resources
Art Hebrank, Missouri Department of Natural Resources
Greg Combs, Missouri Department of Natural Resources
Sam Mason, CAG

DTWG



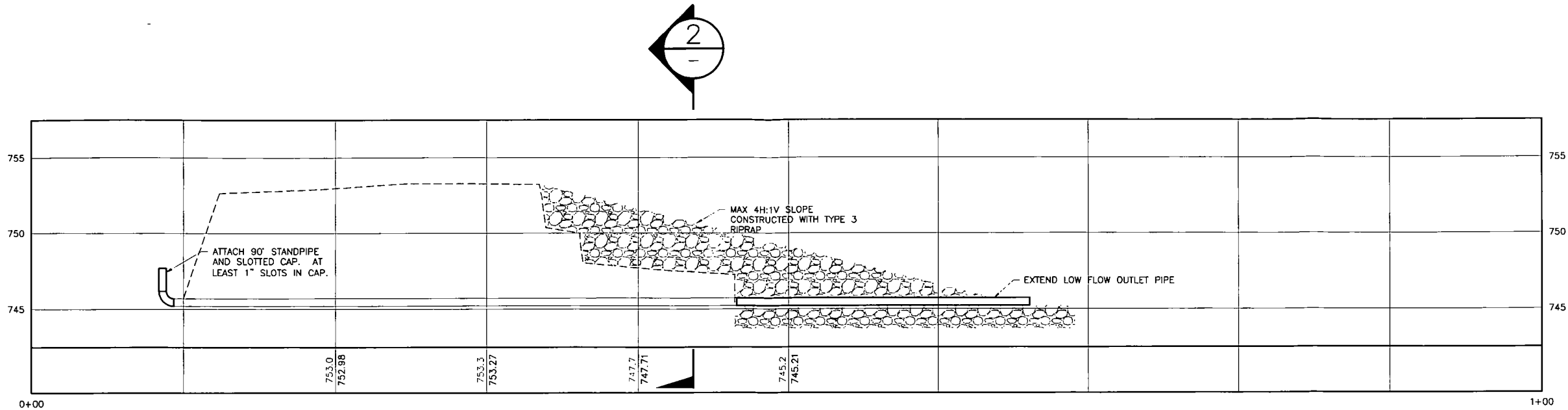
0000

4.2

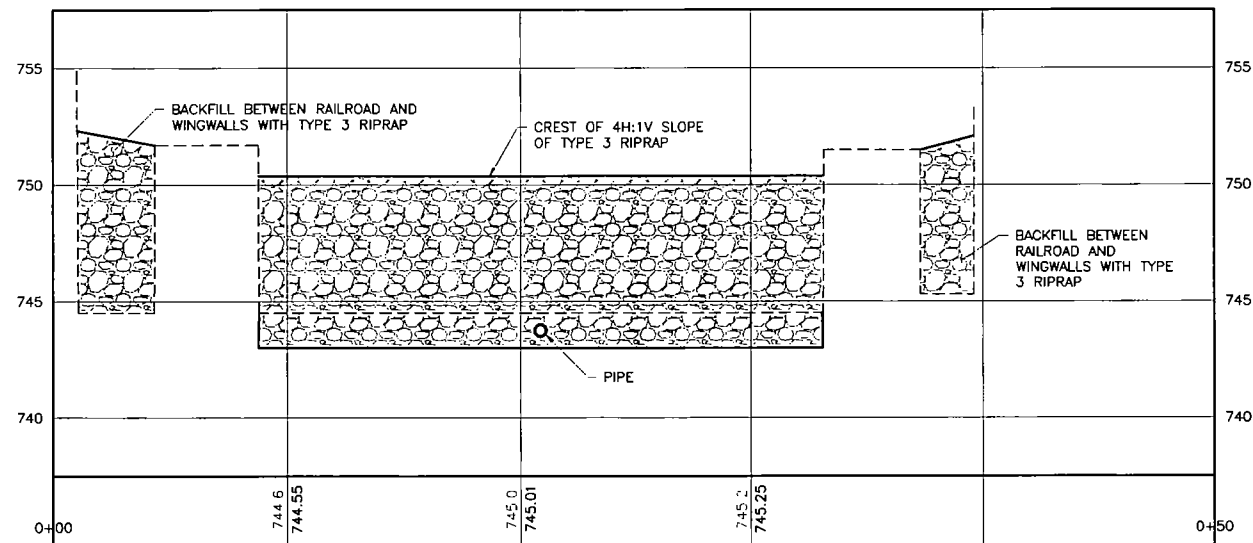
Matt Whitwell, City of Park Hills
Norm Lucas, Park Hills Chamber of Commerce
Denise Jordan-Izaguirre, ASTDR
Melissa Hopkins, Mineral Area College
Arthur Busch, Missouri Department of Health and Senior Services
Ty Morris, Barr Engineering Co.

CADD USER: ashey, Monroe FILE: M:\CAD\2586006\CONSTRUCTION DRAWINGS\REVISED\3-17-2014\BARR-C-158 DWG PLOT SCALE: 1:2 PLOT DATE: 3/24/2014 11:06 AM

JNW: M:\CAD\2586006\25869_1.DWG Plot of: 0 04/27/2007 15:55:30

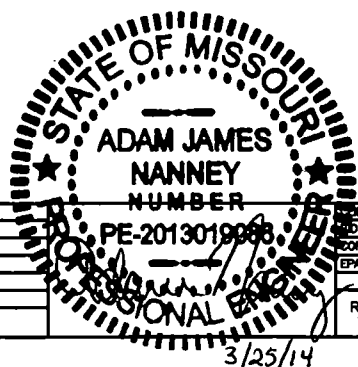


1 SECTION: GABION BASKET
C-04
0 5 10
SCALE IN FEET



2 SECTION: GABION BASKET
0 5 10
SCALE IN FEET

- NOTES:
1. THE EXISTING PIPE WILL BE CLEANED AROUND AND ANY EXCESS CONCRETE WILL BE REMOVED BEFORE THE EXTENSION AND STANDPIPE ARE INSTALLED.
 2. EXTENSION AND STANDPIPE WILL BE CONSTRUCTED WITH HDPE OR SCH. 80 PVC.



NO.	BY	CHK	APP	DATE	REVISION DESCRIPTION

RELEAS	TO/FR	A	B	C	0	1	2	3

BARR
Project Office:
BARR ENGINEERING CO.
1001 DIAMOND RIDGE
SUITE 1100
JEFFERSON CITY, MO 65109
Corporate Headquarters:
Minneapolis, Minnesota
Ph: 1-800-632-2277
www.barr.com

Scale	AS SHOWN
Date	3/3/14
Drawn	CMS2
Checked	AJN
Designed	AJN
Approved	TLM



FEDERAL MINE TAILINGS SITE PARK HILLS, MISSOURI		BARR PROJECT No. 25/86-0006
GABION BASKET IMPROVEMENTS		CLIENT PROJECT No.
DWG. No. C-15B	REV. No. A	